

WARWOOD TOOL COMPANY

P.O. BOX 6357 WHEELING, WEST VIRGINIA 26003-0805
164 NORTH 19TH STREET WHEELING, WEST VIRGINIA 26003-7064

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FORGED TOOLS

SINCE 1854

ADZES

GARDEN TOOLS

MAULS

SLEDGES

BARS

HAMMERS

PICKS

TONGS

CHISELS

HOES

PULL PINS

WEDGES

DRIFT PINS

MATTOCKS

PUNCHES

WRENCHES

Distributor Net Price List

No. 295-D

Effective February 1, 1995

FORGED STEEL HAND TOOLS



WARWOOD TOOL COMPANY

GENERAL TERMS AND CONDITIONS

ALL PREVIOUS QUOTATIONS AND PRICE LISTS ARE HEREBY WITHDRAWN AND CONSIDERED NULL AND VOID. THEY ARE REPLACED BY OUR NEW PRICE LISTS NO. 295 DATED FEBRUARY 1, 1995.

Payment Terms: 2% discount, 15 days from date of invoice, net 30 days. Past due accounts will be subject to a service charge of 1½% per month.

Shipping Terms: Full freight will be allowed on shipments of 1,000 lbs. or more to any point in the Continental United States. Warwood Tool reserves the right to ship via the least expensive route.

Minimum Invoice Charge: Our minimum order and invoice charge is \$75.00.

Returned Goods: No merchandise is to be returned without Warwood Authorization. Returned goods, when authorized, must be returned prepaid freight. Credit will be issued at invoice price at time of shipment less 15% restocking charge, plus cost of initial outgoing freight. If it is necessary to recondition or repackage returned goods, additional charges will be assessed. Credit for returned goods may be applied only toward the purchase of other Warwood products. Credits cannot be applied for cash rebates.

Shortage or Damage: In the event of any shortage or damages, notify at once the delivery transportation agent. File claim properly and be certain all shortage and damaged goods are signed and noted on the freight bill at the time of delivery.

Losses and damages which occur in transit are the carrier's responsibility, and such claims should be filed promptly with the carrier.

Packaging: We request that you purchase all items according to our catalog packaging schedule. Items not ordered according to our packaging schedule will be increased to the next higher package schedule.

Disclaimer: Warwood Tool Company makes no warranty, express, implied or statutory, including any implied warranty of merchantability and/or fitness for any particular purpose, with respect to any of its tools. In addition, Warwood Tool Company shall not be liable for any damages arising out of or occasioned by the selection, application, use or operation of its tools.

Specifications: Specifications and plans in this catalog include those published by the American National Standards Institute, Inc. (A.N.S.I.) and/or American Railway Engineering Association (A.R.E.A.) and/or Federal Specifications and/or the United States Department of Commerce Simplified Practice Recommendations (heavy forged hand tools) unless otherwise specified. If ordering to American Railway Engineering Association Specifications designate AREA Plan, Type and Grade of steel desired.

Warwood Finish: Most Warwood carbon steel tools, unless otherwise requested, are painted blue. Warwood regular alloy tools are stamped "Alloy" and are painted red or blue. Railroad Track Tools will be furnished per designated AREA Specifications which could be painted or unpainted depending on the year and AREA Plan specified. Made in the U.S.A.

HEAVY STRIKING TOOLS

INTRODUCTION. Striking and struck tools are made in various types and sizes with varying degrees of hardness and different configurations for specific purposes. They should be selected for their intended use and used only for those purposes. Proper use of practically all types involves certain basic rules:

- (1) Always wear safety goggles when using striking or struck tools, or when near someone else who is doing so.
- (2) A hammer blow should always be struck squarely with the hammer striking face parallel with the surface being struck. Always avoid glancing blows and over and under strikes.
- (3) The striking face of the hammer should have a diameter approximately $\frac{3}{8}$ " larger than the struck face of the tool.
- (4) Never use one hammer to strike another hammer.
- (5) Never use a striking or struck tool with loose or damaged handle.
- (6) Discard any striking or struck tool if tool shows dents, cracks, chips, mushrooming, or excessive wear.
- (7) Never redress striking tools. Cutting edges of struck tools may be returned to the original shape with a file or whetstone.

Blacksmiths' or Engineers' Hammers and Sledges, Double Face

DESCRIPTION. This is the most commonly used type of sledge hammer and is made in slightly different head configurations. All patterns have crowned striking faces with beveled edges.

PROPER USES. Sledges are designed for general sledging operations in striking wood, metal, concrete or stone. Common uses are drifting heavy timbers and striking spikes, cold chisels, rock drills and hardened nails, and wood splitting wedges.

ABUSE/MISUSE. NEVER use a sledge to strike a hammer, sledge, or maul. NEVER use a sledge with a loose or damaged handle.

Woodchoppers' Mauls

DESCRIPTION. Woodchoppers' mauls have a round, bevel-edged striking face with a splitting edge opposite.

PROPER USES. These tools are designed for splitting wood. Also, they are used in conjunction with wood splitting wedges by first making a notch with the splitting edge and then driving the wedge with the maul's striking face.

ABUSE/MISUSE. NEVER use this tool in striking concrete. NEVER drive one maul by striking it with another maul, sledge or other striking tool.

Hand Drilling Hammers

DESCRIPTION. These heavy, short-handled hammers are made in slightly varying configurations. The double-faced head has crowned and beveled striking faces.

PROPER USES. These hammers are designed for use with chisels, punches, star drills and

hardened nails. Their design permits heavy blows with limited swing—especially advantageous in restricted working areas.

ABUSE/MISUSE. NEVER use these tools for sledging or stone work.

Stone Sledges and Spalling Hammers

DESCRIPTION. These are stone masons' tools. The sledge usually has a crowned, oval striking face with a napping face opposite. The spalling hammer has a beveled striking face.

PROPER USES. Stone sledges are designed for breaking up stone and concrete. The spalling hammers are designed for cutting and shaping stone and concrete. The pein ends of stone sledges and spalling hammers are intended specifically for making score lines in stone and masonry.

ABUSE/MISUSE. NEVER use these tools for striking metal. NEVER use peins of stone sledges or spalling hammers for breaking up stone or masonry. They are for marking and scoring purposes only.

Blacksmiths' Hand Hammers and Cross Pein Sledges

DESCRIPTION. These heavy-duty hammers are designed for blacksmiths' use in striking metal. Striking face is crowned with beveled edge.

PROPER USES. The striking face is designed for general blacksmith work in striking unhardened metal. The peins are used for shaping (fullering) and bending unhardened metal.

ABUSE/MISUSE. NEVER use a sledge to strike a hammer, sledge or maul.

STRUCK TOOLS

INTRODUCTION. The striking and struck faces of tools are designed to direct the force of blows toward the center or body of the tool. Blows struck off center are not directed toward the body of the tool where they can be absorbed, but rather travel directly along the sides of the tool where there is insufficient back-up material. The net effect is shearing rather than cushioning which is dangerous.

The angle and thickness of the cutting edges of tools are designed to give maximum cut and durability. When the cutting edge becomes dull, not only does the cutting ability decrease, but the durability is drastically reduced. Many failures are caused by dullness.

Wood Splitting Wedges

PROPER USES. Wood splitting wedges are designed for splitting logs, firewood, staves and other wood products. Always use a woodchoppers' maul or an axe to make a starting notch. Wedges should be struck with a sledge or woodchoppers' maul having a larger striking face than the struck face of the wedge.

Hot Chisels

PROPER USES. Hot chisels are designed for cutting hot steel. They are very similar to blacksmiths' cold chisels except that

the cutting edge or bit is wider and the blade is thinner.

ABUSE/MISUSE. NEVER use hot chisels, for cutting cold metal, stone or concrete. NEVER use a dull chisel or one with a mushroomed head. If cutting edge is dull it may be redressed.

Cold Chisels

PROPER USES. Cold chisels have a cutting edge at one end for cutting, shaping and removing metal softer than the cutting edge itself and a struck face on the opposite end.

ABUSE/MISUSE. NEVER use cold chisels for cutting or splitting stone or concrete. NEVER use a dull chisel or one with a mushroomed head.

Blacksmiths' Punches—Round and Backing Out

DESCRIPTION. The punch end of the round punch is tapered from point to body, whereas the punch end of the backing out punch is the same diameter from point to body. Both types are fitted with handles.

PROPER USES. Blacksmiths' round punches are designed for drifting holes, aligning and driving pins. Blacksmiths' backing out punches are designed for backing out bolts, rivets and pins. Do not use for grouser pin installation or removal.

ABUSE/MISUSE. NEVER use a punch with a mushroomed struck face or a chipped or deformed point.

WHEN TO REPLACE. Discard any punch if it is bent or shows dents, cracks, chips, mushrooming or excessive wear. If point end is deformed, it may be redressed.

NOTE:

Copies of the booklet "Hand Tool Safety—Guide To Selection and Proper Use" can be obtained from Hand Tools Institute, 25 North Broadway, Tarrytown, NY 10591

Proper Use—Abuse/Misuse Of Railroad Track Tools

All railroad track tools, including Hot Cutters, Track Chisels, Crow Bars, Sledges, Picks, Spike Mauls, Spike Pullers and Wrenches have a specific use for a specific job.

Such tools are not to be abused and are not to be used for purposes other than their intended use. For example, railroad spike mauls are specifically intended to be used for driving railroad spikes only. Uses of railroad track tools for other than their intended use can result in serious bodily injury.

Tools should be inspected before being used. Discard any striking or struck tool immediately at the first sign of chipping, mushrooming, or cracking. Never use a tool with a loose or damaged handle.

Safety goggles or equivalent eye protection conforming to American National Standard Practice for Occupational and Educational Eye and Face Protection, ANSI Z87.1-1979, should be worn by the user and by all persons in the immediate area where any striking tool is being used, to avoid eye injury from flying objects.

A heavy striking-tool blow should always be struck squarely with the striking face parallel with the surface being struck. Always avoid glancing blows and over and under strikes.

No area, section, or portion of the striking tool shall be ground, welded, re-heat treated, or otherwise altered from the original condition as furnished by the manufacturer.

RECOMMENDED PUBLICATIONS ON THE USE OF RAILROAD TRACK TOOLS

If you are not familiar with the proper use of various railroad track tools, we urge you to read the latest edition of The Track Cyclopedia, which is compiled and edited in cooperation with the Association of American Railroads. Other recommended publications on the use of track tools are:

TRACK FOREMAN'S TRAINING PROGRAM — Lesson No. 3, "Track Tools and Basic Equipment"

TRACK FOREMAN'S TRAINING PROGRAM — Lesson No. 21, "Safety"

Meets Track Safety Standards Effective November 1, 1982.

The above and other important track educational material can be procured by writing:

The Railway Educational Bureau, 1809 Capitol Avenue, Omaha, NE 68102

We also highly recommend Safety Requirements for Heavy Striking Tools published by A.N.S.I., which offers important safety instructions on the use of striking tools. This publication can be procured by writing:

American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018

Warwood Tool Company has a number of VCR Safety Films on the safe and proper use of railroad and other hand tools. These films can be obtained upon request by our Distributors, for their own use and the use of consumers for a period of 14 days. If retained beyond that period, a replacement fee will be charged.

Hand Tool Reference Charts are also available for school classroom instruction; industry safety programs; do-it-yourself groups and/or for professional groups.

TRACK TOOLS

Warwood Tool manufactures to American National Standards Institute, Inc. (A.N.S.I.) and to various American Railway Engineering Association Track Tool Specifications, as well as to a number of International Track Tool Specifications. Most of these items can be found in our Catalog and Price List. If ordering to American Railway Engineering Association Specifications, please designate on your order the plan and year number. If ordering to current Track Tool Specifications:

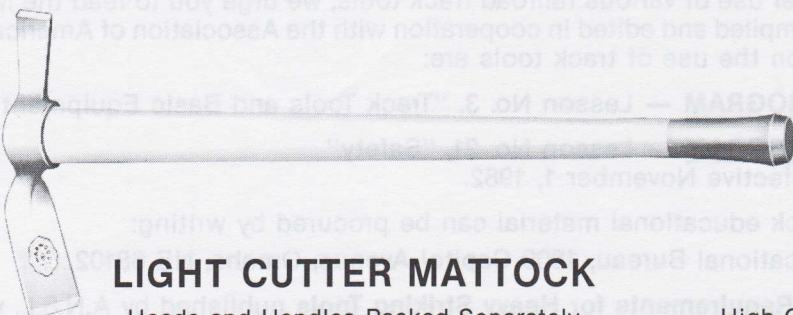
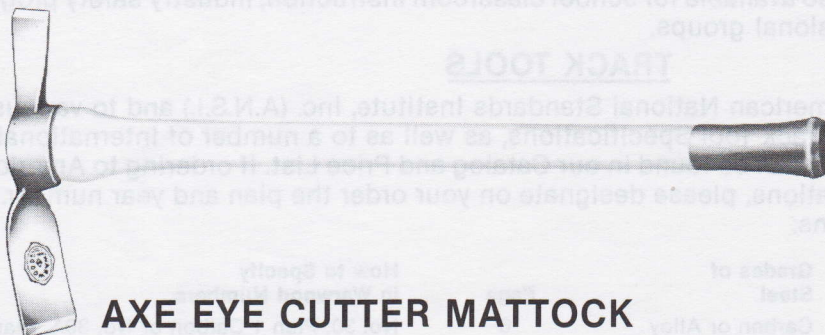
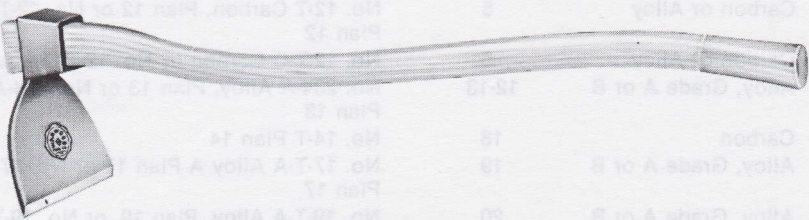
Plan Number	Description	Grades of Steel	Page	How to Specify in Warwood Numbers
1-62	Clay Pick	Carbon or Alloy	6	No. 30, Plan 1 Carbon or No. 30A, Plan 1 Alloy
2-62	Tamping Pick	Carbon or Alloy	6	No. 2-T, Plan 2 Carbon or No. 2-T-A, Plan 2 Alloy
3-83	Spike Maul	Alloy, Grade A or B	9	No. 3-T-A, Plan 3 Alloy A or No. 3-T-A-B Alloy B
4-62	Track Wrenches	Carbon	21	No. 4-T-SE Single End Plan 4 No. 4-T-DE Double End Plan 4
5-62	Lining Bars	Carbon	14	Nos. 160, 161 or 162 Pinch Wedge, or Diamond Point Plan 5
6-62	Rail Tongs	Carbon	18	No. 6-T, Plan 6
7-62	Tie Tongs	Carbon or Alloy	18	No. 7-T, Plan 7
8-62	Timber Tongs	Carbon or Alloy	18	No. 8-T, Plan 8
9-62	Spike Puller	Carbon	21	No. 9-T, Plan 9
11-80	Claw Bar	Carbon	14	No. 163, Plan 11-39, 11-62, 11-80
12-62	Track Adze	Carbon or Alloy	5	No. 12-T Carbon, Plan 12 or No. 12-T-A Alloy, Plan 12
12-A-62	Carpenter's Adze	Carbon or Alloy	5	No. 12-T-C Carbon or No. 12-T-C-A Alloy
13-83	Double Face Sledge	Alloy, Grade A or B	12-13	No. 234-A Alloy, Plan 13 or No. 534-A-B Alloy B, Plan 13
14-62	Chisel End Tamping Bar	Carbon	18	No. 14-T Plan 14
17-83	Track Chisel	Alloy, Grade A or B	19	No. 17-T-A Alloy A Plan 17 or No. 17-T-A-B Alloy B, Plan 17
19-83	Round Track Punch	Alloy, Grade A or B	20	No. 19-T-A Alloy, Plan 19, or No. 19-T-A-B Alloy, Plan 19
35-83	Nut Cutter	Alloy, Grade A or B	19	No. 17-T-A-S Alloy A, Plan 35 or No. 17-T-A-B-S Alloy B, Plan 35

HELP AVAILABLE

Warwood Tool Company has special inhouse people to help you interpret any and all of your railroad specifications. We can offer you special pricing on your inquiries for volume purchases as well as firm annual pricing to the desired specifications. Such arrangements can be promptly handled by faxing all such inquiries to us at (304) 277-1420 or by calling (304) 277-1414. MANUFACTURER CODE: 698582.







WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

CAT. No.	PRODUCT	SNS No.	WT. EACH	LIST	RESALE	NET
	 <p>LIGHT CUTTER MATTOCK Heads and Handles Packed Separately High Carbon Steel</p>					
HLC	Complete with 36" long hickory handle—packed separately	00021	3 lb.	29.72	20.36	14.86
LC	Head only—without handle	00020	3 lb.	20.90	14.32	10.45
	 <p>AXE EYE CUTTER MATTOCK ALSO AVAILABLE IN AN AXE EYE PICK MATTOCK High Carbon Steel</p>					
HAE	Complete (assembled) with 36" long hickory handle	00041	2¾ lb.	32.24	22.08	16.12
AE	Head only—without handle	00040	2¾ lb.	22.78	15.60	11.39
	 <p>FOREST ADZE HOE Heads and Handles Packed Separately High Carbon Steel</p>					
HFH	Complete with 36" long hickory handle—packed separately	00061	3¼ lb.	50.40	34.52	25.20
FH	Head only—without handle	00060	3¼ lb.	41.38	28.35	20.69

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FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	WT.	EYE No.	LIST	RESALE	NET
 NO. 1 CUTTER MATTOCK	<i>Catalog No. 1</i> CUTTER MATTOCK	00110	3 lb.	7	20.70	14.18	10.35
	High Carbon Steel	00120	5 lb.	6	23.60	16.17	11.80
	Heat Treated	00130	6 lb.	6	28.40	19.45	14.20
	(PRICE REFLECTS HEAD ONLY—UNHANDLED) Packed 5 per carton						
 NO. 2 PICK MATTOCK	<i>Catalog No. 2</i> PICK MATTOCK	00210	5 lb.	6	23.60	16.17	11.80
	High Carbon Steel	00220	6 lb.	6	28.40	19.45	14.20
	Heat Treated						
	(PRICE REFLECTS HEAD ONLY—UNHANDLED) Packed 5 per carton						
 NO. 12-T TRACK ADZE	<i>Catalog No. 12-T</i> TRACK ADZE	01200	6 lb.	11	62.30	42.68	31.15
	High Carbon Steel						
	Heat Treated						
	(PRICE REFLECTS HEAD ONLY—UNHANDLED) Packed 5 per carton						
 NO. 12-T-A TRACK ADZE ALLOY	<i>Catalog No. 12-T-A</i> TRACK ADZE	21200	6 lb.	11	71.96	49.29	35.98
	Alloy Steel						
	(PRICE REFLECTS HEAD ONLY—UNHANDLED)						
	Packed 5 per carton						
 NO. 12-T-C CARPENTER ADZE	<i>Catalog No. 12-T-C</i> CARPENTER ADZE	01220	5 lb.	11	62.50	42.81	31.25
	High Carbon Steel						
	Heat Treated						
	(PRICE REFLECTS HEAD ONLY—UNHANDLED) Packed 5 per carton						
 NO. 20 GRUB HOE	<i>Catalog No. 20</i> GRUB HOE	02020	3½ lb.	8	28.80	19.73	14.40
	High Carbon Steel						
	Heat Treated						
	(PRICE REFLECTS HEAD ONLY—UNHANDLED) Packed 5 per carton						

"Protect Your Eyes; Wear Safety Goggles."






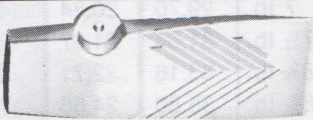

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FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	WT.	EYE No.	LIST	RESALE	NET
 NO. 30 RAILROAD CLAY PICK Point and Chisel Ends	<i>Catalog No. 30</i> RAILROAD CLAY PICK Point and Chisel Ends High Carbon Steel-Heat Treated (PRICE REFLECTS PICK ONLY— UNHANDLED) Packed 5 per carton	03010 03020 03030 03040 03050	5 lb. 6 lb. 7 lb. 8 lb. 9 lb.	6 6 6 6 6	20.48 21.84 24.24 27.88 35.46	14.03 14.96 16.60 19.10 24.29	10.24 10.92 12.12 13.94 17.73
	<i>Catalog No. 30-A</i> ALLOY STEEL (PRICE REFLECTS PICK ONLY— UNHANDLED) Packed 5 per carton	23030	7 lb.	6	51.66	35.39	25.83
 NO. 32 DOUBLE SQUARE POINT CLAY PICK	<i>Catalog No. 32</i> DOUBLE SQUARE POINT CLAY PICK High Carbon Steel-Heat Treated (PRICE REFLECTS PICK ONLY— UNHANDLED) Packed 5 per carton	03220	7 lb.	6	29.44	20.17	14.72
	<i>Catalog No. 32-A</i> ALLOY STEEL (PRICE REFLECTS PICK ONLY— UNHANDLED) Packed 5 per carton	23220	7 lb.	6	51.66	35.39	25.83
 NO. 2-T TAMPING PICK "V"	<i>Catalog No. 2-T</i> TAMPING PICK "V" AREA PLAN 2 High Carbon Steel-Heat Treated (PRICE REFLECTS PICK ONLY— UNHANDLED) Packed 5 per carton	02000	8 lb.	6	52.40	35.89	26.20
	<i>Catalog No. 2-T-A</i> ALLOY STEEL (PRICE REFLECTS PICK ONLY— UNHANDLED) Packed 5 per carton	22000	8 lb.	6	64.78	44.37	32.39
 NO. 40 CONTRACTORS PICK Double Round Point	<i>Catalog No. 40</i> CONTRACTORS PICK Double Round Point High Carbon Steel-Heat Treated (PRICE REFLECTS PICK ONLY— UNHANDLED) Packed 5 per carton	04010	8 lb.	6	42.34	29.00	21.17
 NO. 49 DRIFTING PICK	<i>Catalog No. 49</i> DRIFTING PICK Tool only Handled Tool only Handled High Carbon Steel-Heat Treated Packed 5 per carton	04910 04911 04920 04921	4 lb. 4 lb. 5 lb. 5 lb.	10 10 10 10	27.00 35.10 35.54 43.64	18.50 24.04 24.34 29.89	13.50 17.55 17.77 21.82
 NO. 501 COAL PICK Cutting Pattern	<i>Catalog No. 501</i> COAL PICK Cutting Pattern Tool only Handled Tool only Handled High Carbon Steel-Heat Treated Packed 5 per carton	50130 50131 50140 50141	3 lb. 3 lb. 3½ lb. 3½ lb.	10 10 10 10	31.86 38.66 34.66 42.44	21.82 26.48 23.74 29.07	15.93 19.33 17.33 21.22

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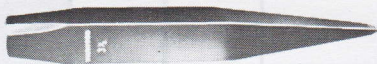


FORGED STEEL
HAND TOOLS

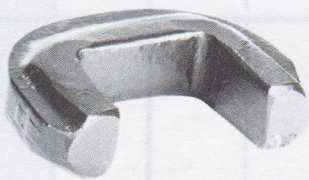
	ITEM	SNS No.	WT.	LGTH.	HEAD	LIST	RESALE	NET
 NO. 80 SQUARE HEAD WEDGE	<i>Catalog No. 80</i> SQUARE HEAD WEDGE	08010	3 lb.	7½"	1½" Sq.	8.84	6.06	4.42
		08020	4 lb.	8½"	1½" Sq.	9.88	6.77	4.94
	High Carbon Steel	08030	5 lb.	9"	1¾" Sq.	11.12	7.62	5.56
	Packed 5 per carton	08040	6 lb.	10"	1⅞" Sq.	11.76	8.06	5.88
		08050	8 lb.	11"	2" Sq.	18.20	12.47	9.10
 NO. 85 OREGON SPLITTING WEDGE	<i>Catalog No. 85</i> OREGON SPLITTING WEDGE	08510	6 lb.	8¾"	1⅞" Dia.	33.70	23.08	16.85
	High Carbon Steel Packed 5 per carton	08520	8 lb.	9½"	2⅞" Dia.	41.68	28.55	20.84
 NO. 95 EXPANSION WEDGE	<i>Catalog No. 95</i> EXPANSION WEDGE High Carbon Steel Packed 5 per carton	09510	6½ lb.	14"	1½" × 1¼"	28.14	19.28	14.07
 NO. 106 STAVE WEDGE	<i>Catalog No. 106</i> STAVE WEDGE	10610	3 lb.	6¾"	1¼" × 1¼"	16.42	11.25	8.21
	High Carbon Steel Packed 5 per carton	10620	4 lb.	7½"	1¼" × 2"	18.90	12.95	9.45
 NO. 110 SAW WEDGE	<i>Catalog No. 110</i> SAW WEDGE	11030	2 lb.	7½"	⅝" × 2⅞"	15.98	10.95	7.99
	High Carbon Steel Packed 5 per carton	11040	3 lb.	9"	¾" × 2½"	19.34	13.25	9.67
 NO. 110-SPA ALUMINUM CHAIN SAW WEDGE	<i>Catalog No. 110-SPA</i> ALUMINUM CHAIN SAW WEDGE Packed 5 per carton	11110	1 lb.	7¼"	1" × 1¼"	16.74	11.47	8.37
 NO. 112 STONE WEDGE	<i>Catalog No. 112</i> STONE WEDGE High Carbon Steel Packed 10 per carton	11210	2 lb.	5"	1⅞" Oct.	29.48	20.19	14.74

"Protect Your Eyes; Wear Safety Goggles."

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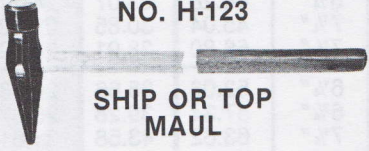
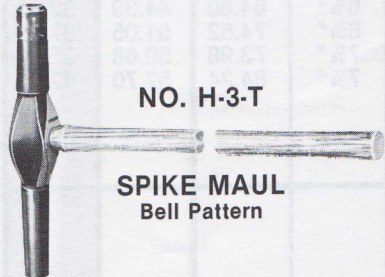

FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	WT.	LGTH.	HEAD	LIST	RESALE	NET
 NO. 400 JIMMY WEDGE	<i>Catalog No. 400</i> JIMMY WEDGE	40010	1½ lb.	10"	½" × 1½"	14.04	9.62	7.02
	High Carbon Steel	40020	2¼ lb.	14"	½" × 2"	20.30	13.91	10.15
	Bulk packed							
 NO. 505 COAL WEDGE	<i>Catalog No. 505</i> COAL WEDGE	50530	2 lb.	9"	⅞" × 1⅛"	16.96	11.62	8.48
	High Carbon Steel							
	Packed 10 per carton							
 NO. 702 FOUNDRY WEDGE	<i>Catalog No. 702</i> FOUNDRY WEDGE	70210	¾ lb.	6"	¾" × 1⅛"	3.88	2.66	1.94
	High Carbon Steel							
	Bulk packed							
 NO. 703 JOINT BREAKING WEDGE	<i>Catalog No. 703</i> JOINT BREAKING WEDGE	70300	¼ lb.	2"	¼" × ¾"	6.48	4.44	3.24
		70320	½ lb.	4"	⅝" × 1¼"	9.08	6.22	4.54
	High Carbon Steel	70330	¾ lb.	6"	¾" × 1½"	10.16	6.96	5.08
	Bulk packed	70380	6½ lb.	10"	2" × 2"	26.02	17.82	13.01
	Packed 10 per carton							
	Packed 5 per carton							

	ITEM	SNS No.	OPENING	WT.	LIST	RESALE	NET
 NO. 701 FOUNDRY CLAMPS	<i>Catalog No. 701</i> FOUNDRY CLAMPS	70120	2"	4¾ lb.	26.78	18.34	13.39
	High Carbon Steel	70125	2½"	5½ lb.	28.52	19.54	14.26
		70130	3"	7 lb.	29.70	20.34	14.85
	<i>For Fast Set Ups and Break Downs</i>	70135	3½"	7½ lb.	31.64	21.67	15.82
	Used in Conjunction with No. 702 Foundry Wedges	70140	4"	8½ lb.	33.16	22.71	16.58
		70145	4½"	8¾ lb.	35.86	24.56	17.93
	Larger sizes made upon special request	70150	5"	9 lb.	38.24	26.19	19.12
		70160	6"	13 lb.	44.38	30.40	22.19
	Bulk packed	70170	7"	14½ lb.	51.08	34.99	25.54
		70180	8"	15½ lb.	58.22	39.88	29.11
		70190	9"	19½ lb.	70.64	48.39	35.32

WARWOOD TOOL COMPANY

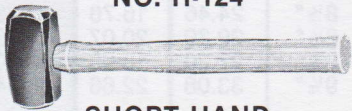
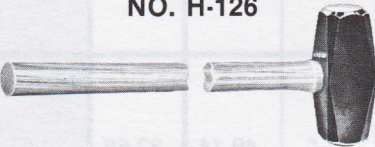
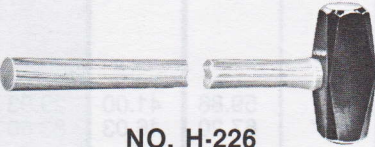

FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	WT.	EYE SIZE	TOOL LGTH.	LIST	RESALE	NET
 <p>NO. H-121 WOOD CHOPPERS MAUL Oregon Oval Eye</p>	<i>Catalog No. H-121</i> WOOD CHOPPERS MAUL Oregon Oval Eye							
	Tool only	12110	6 lb.	1" x 1 3/8"	8 1/2"	24.46	16.76	12.23
	Handled	12111	6 lb.	1" x 1 3/8"	8 1/2"	29.30	20.07	14.65
	Tool only	12120	8 lb.	1" x 1 3/8"	9 1/8"	27.20	18.63	13.60
	Handled	12121	8 lb.	1" x 1 3/8"	9 1/8"	33.08	22.66	16.54
	High Carbon Steel Heat Treated Packed 5 per carton							
 <p>NO. H-122 WOOD CHOPPERS MAUL Oregon Axe Eye</p>	<i>Catalog No. H-122</i> WOOD CHOPPERS MAUL Double Bit Axe Eye							
	Tool only	12210	6 lb.	7/8" x 2 1/8"	8 1/2"	26.68	18.28	13.34
	Handled	12211	6 lb.	7/8" x 2 1/8"	8 1/2"	31.50	21.58	15.75
	Tool only	12220	8 lb.	7/8" x 2 1/8"	9 1/8"	28.78	19.71	14.39
	Handled	12221	8 lb.	7/8" x 2 1/8"	9 1/8"	33.40	22.88	16.70
	High Carbon Steel Heat Treated Packed 5 per carton							
 <p>NO. H-123 SHIP OR TOP MAUL</p>	<i>Catalog No. H-123</i> SHIP or TOP MAUL							
	Tool only	12310	5 lb.	1" x 1 3/8"	8 3/4"	49.14	33.66	24.57
	Handled	12311	5 lb.	1" x 1 3/8"	8 3/4"	58.60	40.14	29.30
	High Carbon Steel Heat Treated Packed 5 per carton							
 <p>NO. H-3-T SPIKE MAUL Bell Pattern</p>	<i>Catalog No. H-3-T</i> SPIKE MAUL Bell Pattern							
	Tool only	00300	10 lb.	1" x 1 3/8"	15"	59.86	41.00	29.93
	Handled	00301	10 lb.	1" x 1 3/8"	15"	67.20	46.03	33.60
	High Carbon Steel Heat Treated							
	<i>Catalog No. H-3-T-A</i> Tool only	00360	10 lb.	1" x 1 3/8"	15"	71.82	49.20	35.91
	Handled	00361	10 lb.	1" x 1 3/8"	15"	79.70	54.59	39.85
	Warwood Regular Alloy Steel							
	<i>Catalog No. H-3-T-A-B</i> Tool only	50360	10 lb.	1" x 1 3/8"	15"	78.12	53.51	39.06
	Handled	50361	10 lb.	1" x 1 3/8"	15"	86.52	59.27	43.26
	Special Grade B Alloy Steel AREA PLAN 3-83 Packed 4 per carton							
 <p>NO. H-3 1/2-T SPIKE MAUL Standard Pattern</p>	<i>Catalog No. H-3 1/2-T</i> SPIKE MAUL Standard Pattern							
	Tool only	00380	8 lb.	1" x 1 3/8"	12"	49.36	33.81	24.68
	Handled	00381	8 lb.	1" x 1 3/8"	12"	58.80	40.28	29.40
	Tool only	00390	10 lb.	1" x 1 3/8"	13"	61.22	41.94	30.51
	Handled	00391	10 lb.	1" x 1 3/8"	13"	70.66	48.40	35.33
	High Carbon Steel Heat Treated Packed 4 per carton							
	Also available upon factory request in Grade A or Grade B Alloy Steel. SEE OUR PRICE LIST.							

"Protect Your Eyes; Wear Safety Goggles."

WARWOOD TOOL COMPANY


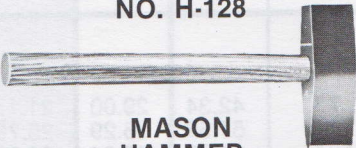

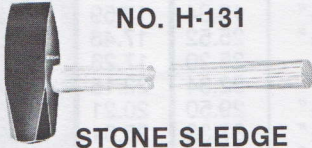
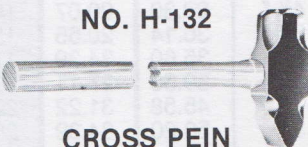
FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	WT.	EYE SIZE	TOOL LGTH.	LIST	RESALE	NET
 <p>NO. H-124</p> <p>SHORT HAND DRILLING HAMMER</p>	<i>Catalog No. H-124</i>							
	SHORT HAND DRILLING HAMMER							
	Tool only	12410	2 lb.	5/8" x 7/8"	3 1/2"	13.44	9.21	6.72
	Handled	12411	2 lb.	5/8" x 7/8"	3 1/2"	16.38	11.22	8.19
	Tool only	12420	3 lb.	3/4" x 1"	4"	15.76	10.80	7.88
	Handled	12421	3 lb.	3/4" x 1"	4"	18.90	12.95	9.45
	Tool only	12430	4 lb.	3/4" x 1"	4 1/2"	16.80	11.51	8.40
	Handled	12431	4 lb.	3/4" x 1"	4 1/2"	19.96	13.67	9.98
	High Carbon Steel Heat Treated							
	Packed 5 per carton							
 <p>NO. H-126</p> <p>SHORT STRIKING HAMMER</p>	<i>Catalog No. H-126</i>							
	SHORT STRIKING HAMMER							
	Tool only	12620	4 lb.	3/4" x 1"	5"	21.06	14.43	10.53
	Handled	12621	4 lb.	3/4" x 1"	5"	23.32	15.97	11.66
	Tool only	12630	6 lb.	1" x 1 3/8"	5 5/8"	26.02	17.82	13.01
	Handled	12631	6 lb.	1" x 1 3/8"	5 5/8"	37.26	25.52	18.63
	Tool only	12640	8 lb.	1" x 1 3/8"	6 1/4"	36.18	24.78	18.09
	Handled	12641	8 lb.	1" x 1 3/8"	6 1/4"	42.12	28.85	21.06
	Tool only	12650	10 lb.	1" x 1 3/8"	6 3/4"	40.94	28.04	26.47
	Handled	12651	10 lb.	1" x 1 3/8"	6 3/4"	48.28	33.07	24.14
	Tool only	12660	12 lb.	1" x 1 3/8"	7 1/4"	45.04	30.85	22.52
	Handled	12661	12 lb.	1" x 1 3/8"	7 1/4"	56.80	38.91	28.40
	32" Fiberglass Handle...	12645	8 lb.	1" x 1 3/8"	6 1/4"	52.06	35.66	26.03
	35" Fiberglass Handle...	12655	10 lb.	1" x 1 3/8"	6 3/4"	57.34	39.28	28.67
	35" Fiberglass Handle...	12665	12 lb.	1" x 1 3/8"	7 1/4"	63.62	43.58	31.81
	High Carbon Steel Heat Treated							
	Packed 5 per carton							
 <p>NO. H-226 ALLOY</p>	<i>Catalog No. H-226</i>							
	ALLOY							
	Tool only	22640	8 lb.	1" x 1 3/8"	6 1/4"	58.54	40.10	29.27
	Handled	22641	8 lb.	1" x 1 3/8"	6 1/4"	69.34	47.50	34.67
	Tool only	22650	10 lb.	1" x 1 3/8"	6 3/4"	64.80	44.39	32.40
	Handled	22651	10 lb.	1" x 1 3/8"	6 3/4"	74.52	51.05	37.26
	Tool only	22660	12 lb.	1" x 1 3/8"	7 1/4"	73.98	50.68	36.99
	Handled	22661	12 lb.	1" x 1 3/8"	7 1/4"	84.24	57.70	42.12
	Warwood Alloy Steel Heat Treated							
	Packed 5 per carton							
 <p>NO. H-127</p> <p>LONG STRIKING HAMMER NEVADA PATTERN</p>	<i>Catalog No. H-127</i>							
	LONG STRIKING HAMMER							
	Tool only	12720	4 lb.	3/4" x 1"	5 3/4"	21.06	14.43	10.53
	Handled	12721	4 lb.	3/4" x 1"	5 3/4"	23.66	16.21	11.83
	Tool only	12730	6 lb.	1" x 1 3/8"	6 1/2"	25.92	17.76	12.96
	Handled	12731	6 lb.	1" x 1 3/8"	6 1/2"	35.64	24.41	17.82
	Tool only	12740	8 lb.	1" x 1 3/8"	7 1/4"	36.40	24.93	18.20
	Handled	12741	8 lb.	1" x 1 3/8"	7 1/4"	44.28	30.33	22.14
	Tool only	12750	10 lb.	1" x 1 3/8"	7 3/4"	40.94	28.04	20.47
	Handled	12751	10 lb.	1" x 1 3/8"	7 3/4"	49.58	33.96	24.79
	Tool only	12760	12 lb.	1" x 1 3/8"	8"	45.26	31.00	22.63
	Handled	12761	12 lb.	1" x 1 3/8"	8"	54.98	37.66	27.49
	Tool only	12770	16 lb.	1" x 1 3/8"	8 1/2"	56.92	38.99	28.46
	Handled	12771	16 lb.	1" x 1 3/8"	8 1/2"	66.86	45.80	33.43
	32" Fiberglass Handle...	12745	8 lb.	1" x 1 3/8"	7 1/4"	52.06	35.66	26.03
	35" Fiberglass Handle...	12755	10 lb.	1" x 1 3/8"	7 3/4"	57.34	39.28	28.67
	35" Fiberglass Handle...	12765	12 lb.	1" x 1 3/8"	8"	63.62	43.58	31.81
	High Carbon Steel Heat Treated							

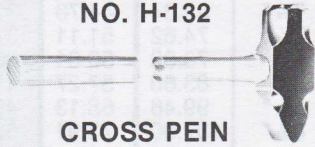

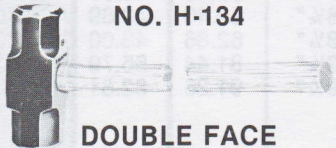
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WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	WT.	EYE SIZE	TOOL LGTH.	LIST	RESALE	NET
CONTINUED FROM PREVIOUS PAGE								
 <p>NO. H-227 LONG STRIKING HAMMER ALLOY</p>	<i>Catalog No. H-227</i> LONG STRIKING HAMMER							
	Tool only	22740	8 lb.	1" x 1 3/8"	7 1/4"	59.40	40.69	29.70
	Handled	22741	8 lb.	1" x 1 3/8"	7 1/4"	69.12	47.35	34.56
	Tool only	22750	10 lb.	1" x 1 3/8"	7 3/4"	65.34	44.76	32.67
	Handled	22751	10 lb.	1" x 1 3/8"	7 3/4"	74.62	51.11	37.31
	Tool only	22760	12 lb.	1" x 1 3/8"	8"	73.88	50.61	36.94
	Handled	22761	12 lb.	1" x 1 3/8"	8"	83.60	57.27	41.80
	Tool only	22770	16 lb.	1" x 1 3/8"	8 1/2"	99.46	68.13	49.73
	Handled	22771	16 lb.	1" x 1 3/8"	8 1/2"	107.90	73.91	53.95
	Warwood Alloy Steel Heat Treated Packed 5 per carton							
 <p>NO. H-128 MASON HAMMER</p>	<i>Catalog No. H-128</i> MASON HAMMER							
	Tool only	12810	3 lb.	5/8" x 1 1/8"	6 1/4"	24.40	16.71	12.20
	Handled	12811	3 lb.	5/8" x 1 1/8"	6 1/4"	29.38	20.13	14.69
	Tool only	12820	4 lb.	5/8" x 1 1/8"	6 3/4"	25.92	17.76	12.96
	Handled	12821	4 lb.	5/8" x 1 1/8"	6 3/4"	30.88	21.15	15.44
	Tool only	12830	6 lb.	5/8" x 1 1/8"	7 3/4"	34.56	23.67	17.28
	Handled	12831	6 lb.	5/8" x 1 1/8"	7 3/4"	44.82	30.70	22.41
	High Carbon Steel Heat Treated Packed 5 per carton							
 <p>NO. H-129 SPALLING HAMMER</p>	<i>Catalog No. H-129</i> SINGLE FACE SPALLING HAMMER							
	Tool only	12910	4 lb.	3/4" x 1"	6"	32.84	22.50	16.42
	Handled	12911	4 lb.	3/4" x 1"	6"	38.56	26.41	19.28
	Tool only	12930	8 lb.	1" x 1 3/8"	7 3/4"	56.70	38.84	28.35
	Handled	12931	8 lb.	1" x 1 3/8"	7 3/4"	64.58	44.24	32.29
	High Carbon Steel Heat Treated Packed 5 per carton							
 <p>NO. H-131 STONE SLEDGE</p>	<i>Catalog No. H-131</i> STONE SLEDGE							
	Tool only	13120	8 lb.	1" x 1 3/8"	7 1/4"	50.32	34.47	25.16
	Handled	13121	8 lb.	1" x 1 3/8"	7 1/4"	59.40	40.69	29.70
	Tool only	13140	12 lb.	1" x 1 3/8"	8 1/4"	59.40	40.69	29.70
	Handled	13141	12 lb.	1" x 1 3/8"	8 1/4"	62.86	43.06	31.43
	Tool only	13150	16 lb.	1" x 1 3/8"	9 1/4"	81.44	55.79	40.72
	Handled	13151	16 lb.	1" x 1 3/8"	9 1/4"	91.26	62.51	45.63
	High Carbon Steel Heat Treated Packed 5 per carton							
 <p>NO. H-132 CROSS PEIN SLEDGE</p>	<i>Catalog No. H-132</i> CROSS PEIN SLEDGE							
	Tool only	13210	2 lb.	3/4" x 1"	4 5/8"	13.66	9.36	6.83
	Handled	13211	2 lb.	3/4" x 1"	4 5/8"	15.76	10.80	7.88
	Tool only	13220	2 1/2 lb.	3/4" x 1"	5"	14.18	9.71	7.09
	Handled	13221	2 1/2 lb.	3/4" x 1"	5"	16.28	11.15	8.14
	Tool only	13230	3 lb.	3/4" x 1"	5 1/4"	15.22	10.43	7.61
	Handled	13231	3 lb.	3/4" x 1"	5 1/4"	17.32	11.86	8.66
	Tool only	13240	4 lb.	3/4" x 1"	6"	15.76	10.80	7.88
	Handled	13241	4 lb.	3/4" x 1"	6"	17.86	12.23	8.93
	Tool only	13250	6 lb.	1" x 1 3/8"	6 1/2"	19.42	13.30	9.71
	Handled	13251	6 lb.	1" x 1 3/8"	6 1/2"	26.78	18.34	13.39
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"Protect Your Eyes; Wear Safety Goggles."

	ITEM	SNS No.	WT.	EYE SIZE	TOOL LGTH.	LIST	RESALE	NET
 <p>NO. H-132</p> <p>CROSS PEIN SLEDGE</p>	CONTINUED FROM PREVIOUS PAGE Catalog No. H-132 CROSS PEIN SLEDGE							
	Tool only	13260	8 lb.	1" x 1 3/8"	7"	35.80	24.52	17.90
	Handled	13261	8 lb.	1" x 1 3/8"	7"	43.16	29.56	21.58
	Tool only	13270	12 lb.	1" x 1 3/8"	8"	44.74	30.65	22.37
	Handled	13271	12 lb.	1" x 1 3/8"	8"	54.18	37.11	27.09
	16" Fiberglass Handle...	13215	2 lb.	3/4" x 1"	4 5/8"	25.10	17.19	12.55
	16" Fiberglass Handle...	13225	2 1/2 lb.	3/4" x 1"	5"	26.36	18.06	13.18
	16" Fiberglass Handle...	13235	3 lb.	3/4" x 1"	5 1/4"	28.78	19.71	14.39
	16" Fiberglass Handle...	13245	4 lb.	3/4" x 1"	6"	30.66	21.00	15.33
	32" Fiberglass Handle...	13255	6 lb.	1" x 1 3/8"	6 1/2"	41.06	28.13	20.53
	32" Fiberglass Handle...	13265	8 lb.	1" x 1 3/8"	7"	47.36	32.44	23.68
	35" Fiberglass Handle...	13275	12 lb.	1" x 1 3/8"	8"	54.28	37.18	27.14
	High Carbon Steel Heat Treated Packed 5 per carton							
 <p>NO. H-133</p> <p>STRAIGHT PEIN SLEDGE</p>	Catalog No. H-133 STRAIGHT PEIN SLEDGE							
	Tool only	13310	8 lb.	1" x 1 3/8"	7"	42.34	29.00	21.17
	Handled	13311	8 lb.	1" x 1 3/8"	7"	51.52	35.29	25.76
	Tool only	13340	12 lb.	1" x 1 3/8"	8"	61.66	42.24	30.83
	Handled	13341	12 lb.	1" x 1 3/8"	8"	72.68	49.79	36.34
	High Carbon Steel Heat Treated Packed 5 per carton							
 <p>NO. H-134</p> <p>DOUBLE FACE SLEDGE</p>	Catalog No. H-134 DOUBLE FACE SLEDGE							
	HIGH CARBON STEEL							
	Tool only	13410	2 lb.	3/4" x 1"	4 1/4"	14.60	10.00	7.30
	Handled	13411	2 lb.	3/4" x 1"	4 1/4"	17.32	11.86	8.66
	Tool only	13420	2 1/2 lb.	3/4" x 1"	4 1/2"	14.60	10.00	7.30
	Handled	13421	2 1/2 lb.	3/4" x 1"	4 1/2"	17.32	11.86	8.66
	Tool only	13430	3 lb.	3/4" x 1"	4 3/4"	15.64	10.71	7.82
	Handled	13431	3 lb.	3/4" x 1"	4 3/4"	18.06	12.37	9.03
	Tool only	13440	4 lb.	3/4" x 1"	5 1/4"	15.76	10.80	7.88
	Handled	13441	4 lb.	3/4" x 1"	5 1/4"	18.06	12.37	9.03
	Tool only	13450	6 lb.	1" x 1 3/8"	6"	17.86	12.23	8.93
	Handled	13451	6 lb.	1" x 1 3/8"	6"	22.06	15.11	11.03
	Tool only	13460	8 lb.	1" x 1 3/8"	6 1/2"	19.84	13.59	9.92
	Handled	13461	8 lb.	1" x 1 3/8"	6 1/2"	25.52	17.48	12.76
	Tool only	13470	10 lb.	1" x 1 3/8"	7"	25.20	17.26	12.60
	Handled	13471	10 lb.	1" x 1 3/8"	7"	32.34	22.15	16.17
	Tool only	13480	12 lb.	1" x 1 3/8"	7 1/2"	29.50	20.21	14.75
	Handled	13481	12 lb.	1" x 1 3/8"	7 1/2"	37.38	25.61	18.69
	Tool only	13490	16 lb.	1" x 1 3/8"	8 1/4"	46.20	31.65	23.10
	Handled	13491	16 lb.	1" x 1 3/8"	8 1/4"	54.60	37.40	27.30
	Tool only	13400	20 lb.	1 1/4" x 1 1/2"	8 3/4"	65.94	45.17	32.97
	Handled	13401	20 lb.	1 1/4" x 1 1/2"	8 3/4"	73.92	50.64	36.96
	16" Fiberglass Handle...	13415	2 lb.	3/4" x 1"	4 1/4"	27.30	18.70	13.65
	16" Fiberglass Handle...	13425	2 1/2 lb.	3/4" x 1"	4 1/2"	28.88	19.78	14.44
	16" Fiberglass Handle...	13435	3 lb.	3/4" x 1"	4 3/4"	29.30	20.07	14.65
	16" Fiberglass Handle...	13445	4 lb.	3/4" x 1"	5 1/4"	30.14	20.65	15.07
	32" Fiberglass Handle...	13455	6 lb.	1" x 1 3/8"	6"	35.60	24.39	17.80
	32" Fiberglass Handle...	13465	8 lb.	1" x 1 3/8"	6 1/2"	39.58	27.11	19.79
	35" Fiberglass Handle...	13475	10 lb.	1" x 1 3/8"	7"	45.58	31.22	22.79
	35" Fiberglass Handle...	13485	12 lb.	1" x 1 3/8"	8"	50.20	34.39	25.10
	High Carbon Steel Heat Treated							

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WARWOOD TOOL COMPANY







FORGED STEEL
HAND TOOLS




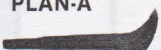
	ITEM	SNS No.	WT.	EYE SIZE	TOOL LGTH.	LIST	RESALE	NET
 <p>NO. H-234 ALLOY</p> <p>DOUBLE FACE SLEDGE</p>	<p align="center">CONTINUED FROM PREVIOUS PAGE</p> <p><i>Catalog No. H-234</i> DOUBLE FACE SLEDGE</p> <p align="center">ALLOY STEEL</p>							
	Tool only	23400	3 lb.	3/4" x 1"	4 3/4"	41.68	28.55	20.84
	Handled	23401	3 lb.	3/4" x 1"	4 3/4"	47.52	32.55	23.76
	Tool only	23410	4 lb.	3/4" x 1"	5 1/4"	43.42	29.74	21.71
	Handled	23411	4 lb.	3/4" x 1"	5 1/4"	48.70	33.36	24.35
	Tool only	23420	6 lb.	1" x 1 3/8"	6"	49.04	33.59	24.52
	Handled	23421	6 lb.	1" x 1 3/8"	6"	58.10	39.80	29.05
	Tool only	23430	8 lb.	1" x 1 3/8"	6 1/2"	56.80	38.91	28.40
	Handled	23431	8 lb.	1" x 1 3/8"	6 1/2"	68.48	46.91	34.24
	Tool only	23440	10 lb.	1" x 1 3/8"	7"	70.52	48.31	35.26
	Handled	23441	10 lb.	1" x 1 3/8"	7"	79.60	54.53	39.80
	Tool only	23450	12 lb.	1" x 1 3/8"	7 1/2"	79.06	54.16	39.53
	Handled	23451	12 lb.	1" x 1 3/8"	7 1/2"	88.12	60.36	44.06
	Tool only	23460	16 lb.	1" x 1 3/8"	8 1/4"	109.84	75.24	54.92
	Handled	23461	16 lb.	1" x 1 3/8"	8 1/4"	118.16	80.94	59.08
	32" Fiberglass Handle...	23435	8 lb.	1" x 1 3/8"	6 1/2"	80.36	55.05	40.18
	35" Fiberglass Handle...	23445	10 lb.	1" x 1 3/8"	7"	87.70	60.07	43.85
	35" Fiberglass Handle...	23455	12 lb.	1" x 1 3/8"	7 1/2"	98.50	67.47	49.25
	Warwood Regular Alloy Heat Treated							
 <p>NO. H-534 ALLOY-B</p>	<p><i>Catalog No. H-534</i> GRADE B ALLOY STEEL AREA PLAN 13-83</p>							
	Tool only	53410	4 lb.	3/4" x 1"	5 1/4"	49.40	33.84	24.70
	Handled	53411	4 lb.	3/4" x 1"	5 1/4"	58.86	40.32	29.43
	Tool only	53420	6 lb.	1" x 1 3/8"	6"	60.22	41.25	30.11
	Handled	53421	6 lb.	1" x 1 3/8"	6"	66.98	45.88	33.49
	Tool only	53430	8 lb.	1" x 1 3/8"	6 1/2"	68.22	46.73	34.11
	Handled	53431	8 lb.	1" x 1 3/8"	6 1/2"	80.40	55.07	40.20
	Tool only	53440	10 lb.	1" x 1 3/8"	7"	78.94	54.07	39.47
	Handled	53441	10 lb.	1" x 1 3/8"	7"	90.80	62.20	45.40
	Tool only	53450	12 lb.	1" x 1 3/8"	7 1/2"	94.64	64.83	47.32
	Handled	53451	12 lb.	1" x 1 3/8"	7 1/2"	100.98	69.17	50.49
	32" Fiberglass Handle...	53425	6 lb.	1" x 1 3/8"	6"	80.08	54.85	40.04
	32" Fiberglass Handle...	53435	8 lb.	1" x 1 3/8"	6 1/2"	93.60	64.12	46.80
	35" Fiberglass Handle...	53445	10 lb.	1" x 1 3/8"	7"	101.92	69.82	50.96
	35" Fiberglass Handle...	53455	12 lb.	1" x 1 3/8"	7 1/2"	110.24	75.51	55.12
	Warwood Special Alloy Heat Treated							
	American Railway Assn. Grade B Alloy Steel AREA PLAN 13-83 with Contour Ground Faces Packed 5 per carton							
 <p>NO. H-136</p> <p>NAPPING HAMMER</p>	<p><i>Catalog No. H-136</i> NAPPING HAMMER</p>							
	Tool only	13610	3 lb.	3/4" x 1"	5 3/4"	24.46	16.76	12.23
	Handled	13611	3 lb.	3/4" x 1"	5 3/4"	29.82	20.43	14.91
	Tool only	13620	4 lb.	3/4" x 1"	6 1/4"	27.52	18.85	13.76
	Handled	13621	4 lb.	3/4" x 1"	6 1/4"	33.40	22.88	16.70
	Tool only	13630	6 lb.	1" x 1 3/8"	6 3/4"	36.86	25.25	18.43
	Handled	13631	6 lb.	1" x 1 3/8"	6 3/4"	43.68	29.92	21.84
	High Carbon Steel Heat Treated Packed 5 per carton							

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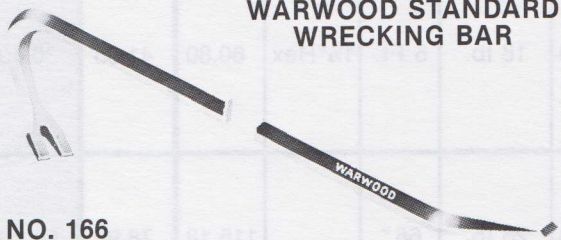
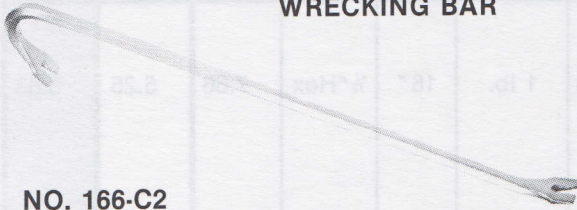

FORGED STEEL
HAND TOOLS



	ITEM	SNS No.	WT.	LGTH.	LIST	RESALE	NET
 NO. 160 PINCH POINT CROW BAR	<i>Catalog No. 160</i> PINCH POINT CROW BAR High Carbon Steel	16020	6 lb.	36"	23.82	16.32	11.91
		16030	10 lb.	48"	29.58	20.26	14.79
		16040	12 lb.	51"	31.72	21.73	15.86
		16050	14 lb.	54"	35.50	24.32	17.75
		16060	16 lb.	57"	40.40	27.67	20.20
		16070	18 lb.	60"	42.14	28.87	21.07
		16080	22 lb.	63"	52.42	35.91	26.21
		16090	26 lb.	66"	63.98	43.83	31.99
 NO. 161 WEDGE POINT CROW BAR	<i>Catalog No. 161</i> WEDGE POINT CROW BAR High Carbon Steel	16120	6 lb.	36"	23.82	16.32	11.91
		16130	10 lb.	48"	29.58	20.26	14.79
		16140	12 lb.	51"	31.72	21.73	15.86
		16150	14 lb.	54"	35.50	24.32	17.75
		16160	16 lb.	57"	40.40	27.67	20.20
		16170	18 lb.	60"	42.14	28.87	21.07
		16180	22 lb.	63"	52.42	35.91	26.21
		16190	26 lb.	66"	63.98	43.83	31.99
 NO. 162 DIAMOND POINT LINING BAR	<i>Catalog No. 162</i> DIAMOND POINT LINING BAR High Carbon Steel	16210	18 lb.	60"	42.14	28.87	21.07
		16220	22 lb.	63"	52.42	35.91	26.21
		16230	26 lb.	66"	63.98	43.83	31.99
 NO. 164 TELEGRAPH DIGGING BAR	<i>Catalog No. 164</i> TELEGRAPH DIGGING BAR High Carbon Steel <i>Also Available in 3 lb. - 5 lb. - 7 lb.</i>	16400	21 lb.	6 Ft.	65.52	44.88	32.76
		16410	28 lb.	8 Ft.	84.84	58.12	42.42
 NO. SP-164 SAN ANGELO DIGGING BAR	<i>Cat. No. SP-164</i> SAN ANGELO DIGGING BAR High Carbon Steel	26410	11 lb.	5 Ft.	28.46	19.50	14.23
		26420	13 lb.	6 Ft.	30.04	20.58	15.02
		26440	14 lb.	5 Ft.	23.10	15.82	11.55
		26450	17 lb.	6 Ft.	38.86	26.62	19.43
		26460	20 lb.	7 Ft.	42.00	28.77	21.00
 NO. 165 POST HOLE DIGGER & TAMPING BAR	<i>Catalog No. 165</i> POST HOLE DIGGER High Carbon Steel	16500	13 lb.	4½ Ft.	37.48	25.67	18.74
		16510	17 lb.	6 Ft.	41.68	28.55	20.84

	ITEM	SNS No.	WT.	LGTH.	AREA PLAN NO.	LIST	RESALE	NET
 NO. 163 CLAW BAR	<i>Catalog No. 163</i> CLAW BAR High Carbon Steel Heat Treated	16310	27 lb.	60"	11-39	121.16	82.99	60.58
		16320	27 lb.	60"	11-62	116.68	79.93	58.34
		16330	27 lb.	60"	11-80	121.16	82.99	60.58
 PLAN 11-39 PLAN-A								
 PLAN 11-62 PLAN-B								
 PLAN 11-80 PLAN-C								

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS








	ITEM	SNS No.	SIZE	LGTH.	STOCK	LIST	RESALE	NET
 <p>WARWOOD STANDARD WRECKING BAR</p> <p>NO. 166</p>	Catalog No. 166							
	WARWOOD STANDARD WRECKING BAR	16610	1/2" x 12"	12"	1/2" Hex	2.74	1.88	1.37
		16620	5/8" x 18"	18"	5/8" Hex	4.10	2.81	2.05
		16630	3/4" x 24"	24"	3/4" Hex	6.10	4.18	3.05
		16640	3/4" x 30"	30"	3/4" Hex	8.08	5.53	4.04
		16650	3/4" x 36"	36"	3/4" Hex	8.62	5.90	4.31
	High Carbon Steel	16660	7/8" x 36"	36"	7/8" Hex	16.28	11.15	8.14
	Packed 10 per carton	16670	1" x 48"	48"	1" Hex	28.24	19.34	14.12
 <p>WARWOOD DOUBLE CLAW WRECKING BAR</p> <p>NO. 166-C2</p>	Catalog No. 166-C2							
	GOOSENECK WRECKING BAR	16632	3/4" x 24"	24"	3/4" Hex	11.00	7.54	5.50
	DOUBLE CLAW	16642	3/4" x 30"	30"	3/4" Hex	12.76	8.74	6.38
	High Carbon Steel							
 <p>WARWOOD HEAT TREATED WRECKING BAR</p> <p>NO. 168</p>	Catalog No. 168							
	WARWOOD HEAT TREATED WRECKING BAR	16820	3/4" x 24"	24"	3/4" Hex	12.82	8.78	6.41
		16830	3/4" x 30"	30"	3/4" Hex	14.38	9.85	7.19
		16840	3/4" x 36"	36"	3/4" Hex	17.64	12.08	8.82
		16850	7/8" x 36"	36"	7/8" Hex	21.00	14.39	10.50
	High Carbon Steel							
	Heat Treated							
	Packed 10 per carton							

	ITEM	SNS No.	WT.	LGTH.	STOCK	LIST	RESALE	NET
 <p>NO. 158 OFFSET PINCH BAR</p>	Catalog No. 158	15810	3/4 lb.	13 1/2"	1/2" Hex	6.46	4.43	3.23
		15820	1 1/2 lb.	16"	5/8" Hex	7.64	5.23	3.82
	OFFSET PINCH BAR	15830	3 lb.	24"	3/4" Hex	13.78	9.44	6.89
		15840	3 1/4 lb.	26"	3/4" Hex	14.84	10.17	7.42
		15850	5 1/2 lb.	30"	7/8" Hex	17.50	11.99	8.75
	High Carbon Steel	15860	6 1/2 lb.	36"	7/8" Hex	18.86	12.92	9.43
		15870	8 lb.	36"	1" Hex	22.04	15.10	11.02
		15880	10 3/4 lb.	48"	1" Hex	30.64	20.99	15.32
	13 1/2" to 26" Packed 10 per carton							
	30" to 48" Packed 5 per carton							
 <p>NO. 159 STRAIGHT FIT-UP PINCH BAR</p>	Catalog No. 159	15910	3/4 lb.	14"	1/2" Hex	4.98	3.41	2.49
		15920	1 1/2 lb.	16"	5/8" Hex	6.26	4.29	3.13
	STRAIGHT FIT-UP PINCH BAR	15930	3 lb.	24"	3/4" Hex	10.92	7.48	5.46
		15940	3 1/4 lb.	26"	3/4" Hex	11.76	8.06	5.88
		15950	5 1/2 lb.	30"	7/8" Hex	16.22	11.11	8.11
		15960	6 1/2 lb.	36"	7/8" Hex	17.06	11.69	8.53
	High Carbon Steel	15970	8 lb.	36"	1" Hex	17.80	12.19	8.90
		15980	10 3/4 lb.	48"	1" Hex	26.60	18.22	13.30
	14" to 24" Packed 10 per carton							
	26" to 48" Packed 5 per carton							

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WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	WT.	LGTH.	STOCK	LIST	RESALE	NET
 NO. 169 TIMBER BAR	<i>Catalog No. 169</i> TIMBER BAR High Carbon Steel	16910	18 lb.	5 Ft.	1 1/8" Hex	60.80	41.65	30.40
 NO. 170 PINCH BAR WITH HEEL	<i>Catalog No. 170</i> PINCH BAR with HEEL High Carbon Steel	17010	26 lb.	66"		115.18	78.90	57.59
 NO. 171 ROLLING HEAD PRY BAR	<i>Catalog No. 171</i> ROLLING HEAD PRY BAR High Carbon Steel Packed 10 per carton	17100	1 lb.	16"	1/2" Hex	7.66	5.25	3.83
 NO. 172 STRIPPING BAR	<i>Catalog No. 172</i> STRIPPING BAR Claw and Chisel Ends High Carbon Steel Packed 5 per carton	17210 17220 17230	5 1/4 lb. 8 1/2 lb. 12 1/2 lb.	36" 42" 48"	3/4" Hex 7/8" Hex 1" Hex	30.66 32.76 41.26	21.00 22.44 28.26	15.33 16.38 20.63
 NO. 173 STRIPPING BAR	<i>Catalog No. 173</i> STRIPPING BAR Double Chisel Ends High Carbon Steel	17310 17320 17330	5 1/4 lb. 8 1/2 lb. 12 1/2 lb.	36" 42" 48"	3/4" Hex 7/8" Hex 1" Hex	24.68 26.04 31.18	16.91 17.84 21.36	12.34 13.02 15.59
 NO. 174 RAIL ANCHOR APPLICATION BAR	<i>Catalog No. 174</i> RAIL ANCHOR APPLICATION BAR High Carbon Steel	17410	29 lb.	66 1/2"	2" Sq.	80.56	55.18	40.28
 NO. 175 STRAIGHT PINCH BAR	<i>Catalog No. 175</i> STRAIGHT PINCH BAR High Carbon Steel Packed 20 per carton	17510	3/4 lb.	11 7/8"	9/16" Rnd.	7.46	5.11	3.73

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FORGED STEEL
HAND TOOLS



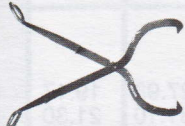

	ITEM	SNS No.	WT.	LGTH.	STOCK	LIST	RESALE	NET
 NO. 176 WAREHOUSE LOADING or JIMMY BAR	<i>Catalog No.</i> 176							
	WAREHOUSE LOADING or JIMMY BAR	17610	14 lb.	54"	1 1/8" Sq.	45.58	31.22	22.79
		17620	18 lb.	60"	1 1/4" Sq.	47.70	32.67	23.85
	High Carbon Steel	17630	26 lb.	66"	1 1/2" Sq.	69.96	47.92	34.98
 NO. 510 SLATE BAR	<i>Catalog No.</i> 510							
	SLATE BAR	51010	11 lb.	4 Ft.	1" Hex	23.32	15.97	11.66
		51020	12 1/2 lb.	4 1/2 Ft.	1" Hex	24.92	17.07	12.46
	High Carbon Steel	51030	14 lb.	5 Ft.	1" Hex	31.06	21.28	15.53
 NO. 511 MINE PINCH BAR	<i>Catalog No.</i> 511							
	MINE PINCH BAR	51110	14 lb.	4 1/2 Ft.	1 1/8" Sq.	46.00	31.51	23.00
 NO. 513 SHIP SCRAPER/DOUBLE END SCRAPERS	<i>Catalog No.</i> 513							
	SHIP SCRAPER/DOUBLE END SCRAPERS	51310	1 lb.	15"	1/4" x 1"	3.78	2.59	1.89
 NO. 514 TRUCKMANS BENT CHISEL SLATE BAR	<i>Catalog No.</i> 514							
	TRUCKMANS BENT CHISEL SLATE BAR	51410	11 lb.	48"	1" Hex	26.84	18.39	13.42
		51420	12 1/2 lb.	54"	1" Hex	29.22	20.02	14.61
		51430	14 lb.	60"	1" Hex	31.20	21.37	15.60
	High Carbon Steel	51440	18 lb.	60"	1 1/4" Hex	39.62	27.14	19.81
 NO. 515 CONNECTING BAR	<i>Catalog No.</i> 515							
	CONNECTING BAR	51510	4 lb.	30"	3/4" Hex	16.06	11.00	8.03
		51520	5 lb.	30"	7/8" Hex	17.64	12.08	8.82
		51530	7 lb.	36"	7/8" Hex	23.94	16.40	11.97
	High Carbon Steel	51540	11 lb.	48"	1" Hex	26.26	17.99	13.13
 NO. 516 CONSTRUCTION STRAIGHT CHISEL SLATE BAR	<i>Catalog No.</i> 516							
	CONSTRUCTION STRAIGHT CHISEL SLATE BAR	51610	12 1/2 lb.	52 1/2"	1" Hex	27.98	19.17	13.99
		51620	14 lb.	60"	1" Hex	31.10	21.30	15.55
		51630	18 lb.	60"	1 1/8" Hex	36.82	25.22	18.41
	High Carbon Steel	51640	19 lb.	60"	1 1/4" Hex	40.88	28.00	20.44

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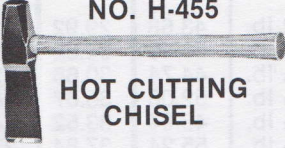
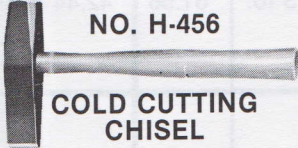
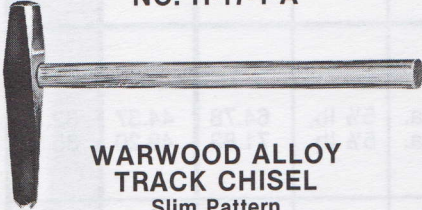
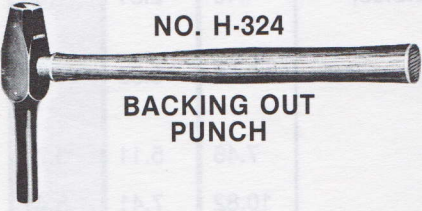
FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	WT.	LGTH.	STOCK	LIST	RESALE	NET
 NO. 550 PEERLESS OR PENCIL POINT BAR	<i>Catalog No. 550</i>							
	PEERLESS	55010	14 lb.	60"	1"Hex	45.04	30.85	22.52
	or PENCIL	55020	14 lb.	60"	1"Hex	47.14	32.29	23.57
	POINT BAR	55030	17 lb.	72"	1"Hex	47.78	32.73	23.89
	High Carbon Steel	55040	17 lb.	72"	1"Hex	49.78	34.10	24.89
 NO. 561 WAREHOUSE BAR OFFSET STRAIGHT SMALL CHISEL	<i>Catalog No. 561</i>							
	WAREHOUSE BAR OFFSET STRAIGHT SM. CHISEL	56110	11 lb.	48"	1"	34.02	23.30	17.01
 NO. 661 DIE SETTING UP U-SHAPED PRY BAR	<i>Catalog No. 661</i>							
	DIE SETTING UP U-SHAPED PRY BAR	66110	1 3/4 lb.	18"	5/8"Hex	11.86	8.12	5.93
	High Carbon Steel	66120	4 lb.	30"	3/4"Hex	15.54	10.64	7.77
	Packed 10 per carton							
 NO. 14-T CHISEL END TAMPING BAR	<i>Catalog No. 14-T</i>							
	CHISEL END TAMPING BAR	01400	15 lb.	61"	Shaft 7/8"Dia.	80.74	55.31	40.37
	High Carbon Steel							
	AREA PLAN 14							

	ITEM	LGTH.	SNS No.	WT.	LIST	RESALE	NET
 NO. 454 MANHOLE COVER LIFTERS	<i>Catalog No. 454</i>	5/8" x 18"	45410	2 3/4 lb.	11.24	7.70	5.62
	MANHOLE COVER LIFTERS	5/8" x 26"	45420	3 lb.	12.64	8.66	6.32
	High Carbon Steel	5/8" x 36"	45430	4 lb.	17.50	11.99	8.75
	Packed 10 per carton	3/4" x 26"	45440	4 1/2 lb.	19.44	13.32	9.72
		3/4" x 36"	45460	5 1/4 lb.	26.36	18.06	13.18
 NO. 6-T RAIL TONG	<i>Catalog No. 6-T</i>						
	RAIL TONGS		00600	18 lb.	99.34	68.05	49.67
	AREA PLAN 6						
 NO. 7-T TIE TONG	<i>Catalog No. 7-T</i>						
	TIE TONGS (One-Man Type)		00700	10 lb.	86.62	59.33	43.31
	AREA PLAN 7						
 NO. 8-T TIMBER TONG	<i>Catalog No. 8-T</i>						
	TIMBER TONGS (Two-Man Type)		00800	12 lb.	86.62	59.33	43.31
	AREA PLAN 8						

WARWOOD TOOL COMPANY

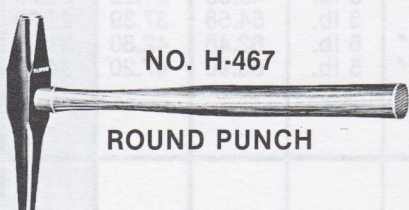
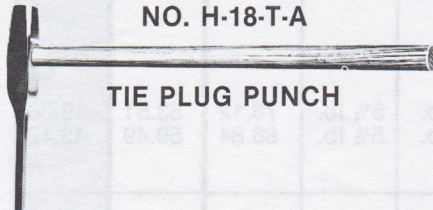
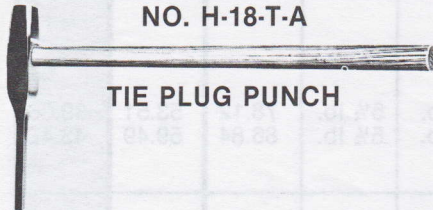
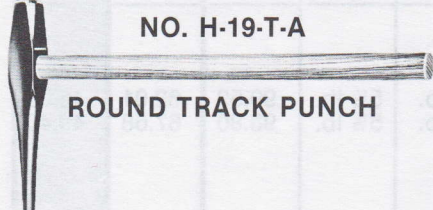
FORGED STEEL
HAND TOOLS






	ITEM	SNS No.	SIZE	WT.	LIST	RESALE	NET
 <p>NO. H-455 HOT CUTTING CHISEL</p>	Catalog No. H-455 HOT CUTTING CHISEL Tool only 45520 Handled 45521 Tool only 45530 Handled 45531 Alloy Steel - Heat Treated Packed 5 per carton						
			Bit 2" Bit 2" Bit 2 1/4" Bit 2 1/4"	3 lb. 3 lb. 5 lb. 5 lb.	45.58 54.58 62.48 68.90	31.22 37.39 42.80 47.20	22.79 27.29 31.24 34.45
 <p>NO. H-456 COLD CUTTING CHISEL</p>	Catalog No. H-456 COLD CUTTING CHISEL Tool only 45620 Handled 45621 Tool only 45630 Handled 45631 Alloy Steel - Heat Treated Packed 5 per carton						
			Bit 1 1/2" Bit 1 1/2" Bit 1 3/4" Bit 1 3/4"	3 lb. 3 lb. 5 lb. 5 lb.	41.26 47.52 50.86 58.86	28.26 32.55 34.84 40.32	20.63 23.76 25.43 29.43
 <p>NO. H-17-T-A WARWOOD ALLOY TRACK CHISEL Slim Pattern</p>	Catalog No. H-17-T-A TRACK CHISEL Slim Pattern Tool only 01700 Handled 01701 Regular Alloy Steel						
			5 1/2 lb. 5 1/2 lb.	5 1/2 lb. 5 1/2 lb.	78.12 86.84	53.51 59.49	39.06 43.42
	Catalog No. H-17-T-A-B Tool only 51700 Handled 51701 Special Grade B Alloy Steel AREA PLAN 17-83		5 1/2 lb. 5 1/2 lb.	5 1/2 lb. 5 1/2 lb.	84.94 92.30	58.18 63.23	42.47 46.15
	Catalog No. H-17-T-A-S-B Nut Cutter Tool only 51710 Handled 51711 Square Bit Special Grade B Alloy Steel AREA PLAN 35 Packed 5 per carton		5 1/2 lb. 5 1/2 lb.	5 1/2 lb. 5 1/2 lb.	90.52 98.80	62.01 67.68	45.26 49.40
 <p>NO. H-324 BACKING OUT PUNCH</p>	Catalog No. H-324 BACKING OUT PUNCH Tool only 32420 Handled 32421 Tool only 32430 Handled 32431 Tool only 32440 Handled 32441 Tool only 32450 Handled 32451 Tool only 32460 Handled 32461 Alloy Steel - Heat Treated Packed 5 per carton						
			1/2" Dia. 1/2" Dia. 5/8" Dia. 5/8" Dia. 3/4" Dia. 3/4" Dia. 7/8" Dia. 7/8" Dia. 1" Dia. 1" Dia.	1 3/4 lb. 1 1/2 lb. 2 lb. 2 lb. 2 1/2 lb. 2 1/2 lb. 3 lb. 3 lb. 3 1/2 lb. 3 1/2 lb.	40.12 45.58 41.26 46.72 42.64 47.78 46.72 51.99 52.18 57.02	27.48 31.22 28.26 32.00 29.21 32.73 32.00 35.61 35.74 39.06	20.06 22.79 20.63 23.36 21.32 23.89 23.36 25.99 26.09 28.51

"Protect Your Eyes; Wear Safety Goggles."

WARWOOD TOOL COMPANY




FORGED STEEL
HAND TOOLS




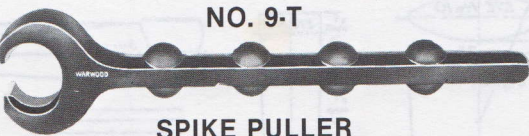
	ITEM	SNS No.	SIZE	WT.	LIST	RESALE	NET
 <p>NO. H-467 ROUND PUNCH</p>	<i>Catalog No. H-467</i> ROUND PUNCH						
	Tool only	46730	1/2" Dia.	2 lb.	43.68	29.92	21.84
	Handled	46731	1/2" Dia.	2 lb.	50.40	34.52	25.20
	Tool only	46740	5/8" Dia.	2 1/4 lb.	44.74	30.65	22.37
	Handled	46741	5/8" Dia.	2 1/4 lb.	52.08	35.67	26.04
	Tool only	46750	3/4" Dia.	2 1/2 lb.	48.94	33.52	24.47
	Handled	46751	3/4" Dia.	2 1/2 lb.	55.24	37.84	27.62
	Tool only	46760	7/8" Dia.	2 3/4 lb.	53.66	36.76	26.83
	Handled	46761	7/8" Dia.	2 3/4 lb.	59.96	41.07	29.98
	Tool only	46770	1" Dia.	3 lb.	55.66	38.13	27.83
	Handled	46771	1" Dia.	3 lb.	61.96	42.44	30.98
	Alloy Steel - Heat Treated						
	Packed 5 per carton						
 <p>NO. H-18-T-A TIE PLUG PUNCH</p>	<i>Catalog No. H-18-T-A</i> TIE PLUG PUNCH						
	Tool only	01800	1/2" Sq.	4 lb.	59.64	40.85	29.82
	Handled	01801	1/2" Sq.	4 lb.	67.42	46.18	33.71
	Alloy Steel - Heat Treated						
 <p>NO. H-18-T-A TIE PLUG PUNCH</p>	<i>Catalog No. H-18-T-A-B</i>						
	Tool only	21800	1/2" Sq.	4 lb.	68.68	47.05	34.34
	Handled	21801	1/2" Sq.	4 lb.	76.02	52.07	38.01
	Special Grade B Alloy Steel						
	Packed 5 per carton						
 <p>NO. H-19-T-A ROUND TRACK PUNCH</p>	<i>Catalog No. H-19-T-A</i> ROUND TRACK PUNCH						
	Tool only	01900	1/2" Dia.	5 1/2 lb.	64.78	44.37	32.39
	Handled	01901	1/2" Dia.	5 1/2 lb.	71.82	49.20	35.91
	Regular Alloy Steel-Heat Treated						
	<i>Catalog No. H-19-T-A-B</i>						
	Tool only	21900	1/2" Dia.	5 1/2 lb.	78.34	53.66	39.17
	Handled	21901	1/2" Dia.	5 1/2 lb.	84.84	58.12	42.42
	Special Grade B Alloy Steel AREA PLAN 19-83						
	Packed 5 per carton						

HANDLES ONLY	ITEM	LIST	RESALE	NET
 <p>ENGINEERS/HAND DRILLING</p>  <p>SLEDGE/MAULS</p>  <p>TRACK CHISEL/PUNCH</p>  <p>PICK/MATTOCK</p>  <p>ADZE</p>	REPLACEMENT HICKORY HANDLES			
	10 1/2" & 16" Engineers & Hand Drilling Handles, Backing Out Punch Handles	4.10	2.81	2.05
	32" & 36" Sledge Handles, Maul Handles, Grub Hoe Handles	9.56	6.55	4.78
	24" Track Chisel & Track Punch Handles	7.46	5.11	3.73
	Pick or Mattock Handles	10.82	7.41	5.41
	Adze Handles	13.54	9.27	6.77

WARWOOD TOOL COMPANY

FORGED STEEL
HAND TOOLS

	ITEM	SNS No.	SIZE SWELL	LGTH.	FOR HOLE	LIST	RESALE	NET
 <p>NO. 334 DRIFT PIN</p>	Catalog No. 334	33420	9/16" Dia.	6 1/2"	1/2" Dia.	4.64	3.18	2.32
	DRIFT PIN	33430	1 1/16" Dia.	7"	5/8" Dia.	5.18	3.55	2.59
	Short Barrel Type	33440	1 3/16" Dia.	7 1/2"	3/4" Dia.	6.04	4.14	3.02
	High Carbon Steel	33450	1 5/16" Dia.	8"	7/8" Dia.	6.16	4.22	3.08
	Bulk packed	33460	1 7/16" Dia.	8 1/2"	1" Dia.	6.58	4.51	3.29
		33470	1 3/8" Dia.	9"	1 1/8" Dia.	10.04	6.88	5.02
		33480	1 7/8" Dia.	11"	1 1/4" Dia.	11.02	7.55	5.51
 <p>NO. 336 BULL PIN</p>	Catalog No. 336	33600	1 5/16" Dia.	15"	5/16" Dia.	11.34	7.77	5.67
	BULL PIN	33610	1 1/8" Dia.	12"	3/8" Dia.	12.64	8.66	6.32
	High Carbon Steel	33620	1 1/16" Dia.	15"	3/8" Dia.	13.60	9.32	6.80
	Bulk packed	33630	1 3/8" Dia.	15"	7/16" Dia.	12.96	8.88	6.48
		33640	1 1/4" Dia.	12"	7/16" Dia.	13.60	9.32	6.80
		33650	1 5/8" Dia.	12"	7/16" Dia.	15.88	10.88	7.94
 <p>NO. 338 BROAD HEAD BULL PIN</p>	Catalog No. 338	33810	1 1/8" Dia.	10"	1/4" Dia.	11.56	7.92	5.78
	BROAD HEAD BULL PIN	33820	1 1/4" Dia.	13"	5/16" Dia.	16.10	11.03	8.05

	ITEM	SNS No.	BOLT SIZE	JAW OPENING	LIST	RESALE	NET
 <p>NO. 4-T-DE DOUBLE END TRACK WRENCH</p>	Cat. No. 4-T-DE	41010	3/4" & 7/8"	1 5/16" & 1 1/2"	97.02	66.46	48.51
	DOUBLE END TRACK WRENCH	41020	7/8" & 1"	1 1/2" & 1 11/16"	100.80	69.05	50.40
		41030	1" & 1 1/8"	1 11/16" & 1 7/8"	120.12	82.28	60.06
		41040	1 1/8" & 1 1/4"	1 7/8" & 2 1/16"	141.44	96.89	70.72
		41050	1 1/4" & 1 3/8"	2 1/16" & 2 1/4"	159.08	108.97	79.54
		High Carbon Steel AREA PLAN 4					
 <p>NO. 4-T-SE SINGLE END TRACK WRENCH</p>	Cat. No. 4-T-SE	42010	3/4"	1 5/16"	65.52	44.88	32.76
	SINGLE END TRACK WRENCH	42020	7/8"	1 1/2"	68.68	47.05	34.34
		42030	1"	1 11/16"	74.98	51.36	37.49
		42040	1 1/8"	1 7/8"	100.28	68.69	50.14
		42050	1 1/4"	2 1/16"	108.58	74.38	54.29
		42060	1 3/8"	2 1/4"	120.86	82.79	60.43
 <p>NO. 301 CONSTRUCTION WRENCH</p>	Cat. No. 301	30120	1/2"	1 3/16"	29.30	20.07	14.65
	CONSTRUCTION ERECTION WRENCH	30130	5/8"	1"	33.40	22.88	16.70
		30140	3/4"	1 1/8"	35.38	24.24	17.69
		30150	7/8"	1 5/16"	37.70	25.82	18.85
		30160	1"	1 1/2"	47.68	32.66	23.84
		U.S. Regular Alloy					
	Cat. No. 301-H	30230	5/8"	1 1/16"	33.40	22.88	16.70
	301-H	30240	3/4"	1 1/4"	35.38	24.24	17.69
		30250	7/8"	1 7/16"	37.70	25.82	18.85
		30260	1"	1 5/8"	47.68	32.66	23.84
	U.S. Special Alloy						
 <p>NO. 9-T SPIKE PULLER</p>	Cat. No. 9-T	09000	2 1/2 lb.	3/4"	39.80	27.26	19.90
	SPIKE PULLER	High Carbon Steel AREA PLAN 9 Packed 10 per carton					

"Protect Your Eyes; Wear Safety Goggles."

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*Denotes Warehouse Stock Available



PROTECT YOUR EYES

When using...
or in a striking tool zone

Wear Safety Goggles

Eye Specifications

The shapes of the eyes of the different tools listed and described in the preceding pages are designated by numbers corresponding to those of the U.S. Dept. of Commerce Heavy Forged Hand Tools, Simplified Practice Recommendation—R17-47, effective October 15, 1947.

Eye formula:

- A—Size of stock.
- B—40 percent of A.
- C—125 percent of B approximate.
- D—5/6 of B.
- E—To suit dimensions B, C, and D.

Note—Warwood Tools have a tolerance limit of 1/16 in. above and 3/16 in. under all eyes to allow for punch wear.

On eyes #2, 3, 4—
3° taper on cross section.

4° taper on long section.

